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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/559,396	04/03/2006	Kai-Jens Matejat	05-949	5607
20306 7590 10/18/2007 MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP 300 S. WACKER DRIVE			EXAMINER	
			PHASGE, ARUN S	
32ND FLOOR CHICAGO, IL 60606		ART UNIT	PAPER NUMBER	
o,			1795	
			MAIL DATE	DELIVERY MODE
			10/18/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)		
	10/559,396	MATEJAT ET AL.		
Office Action Summary	Examiner	Art Unit		
·	Arun S. Phasge	1795		
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address		
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 16(a). In no event, however, may a reply be tim ill apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	J. ely filed the mailing date of this communication. O (35 U.S.C. § 133).		
Status				
1) Responsive to communication(s) filed on <u>06 Au</u> 2a) This action is FINAL . 2b) This 3) Since this application is in condition for allowan closed in accordance with the practice under E	action is non-final. ice except for formal matters, pro			
Disposition of Claims				
4) ☐ Claim(s) 1-5 and 7-10 is/are pending in the app 4a) Of the above claim(s) is/are withdraw 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 1-5, 7-10 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or	n from consideration.			
Application Papers		•		
9) The specification is objected to by the Examiner 10) The drawing(s) filed on is/are: a) access applicant may not request that any objection to the consequence of the conseque	epted or b) objected to by the Edrawing(s) be held in abeyance. See on is required if the drawing(s) is obj	37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).		
Priority under 35 U.S.C. § 119				
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 				
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	4) Interview Summary (Paper No(s)/Mail Da 5) Notice of Informal Pa 6) Other:	te		

DETAILED ACTION

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 103

Claims 1, 4-5, 7-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fronsman in view of Japanese patent 51-119632 A of record for reasons of record.

Claims 2-3 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Fronsman in view of the Japanese patent as applied to claims above, and further in view of Harms of record for reasons of record.

Response to Arguments

Applicant's arguments filed 8/6/07 have been fully considered but they are not persuasive.

Applicants argue that the Fronsman apparatus would allow the electrolyte to contact both electrodes at the same time, whereas the present claims require the contact first with the cathode with subsequent flow to the anode. The present apparatus does not include a membrane to separate the electrodes. Accordingly,

the electrolyte would contact both the electrodes, since the current would only pass through the electrolyte between the electrodes.

Applicants further argue that the prior patents disclose an unsealed cell. The scope of a "sealed cell" is broad, since the cell is not totally closed off, because the electrolyte flows through in and out of the cell. Therefore, the cell disclosed in Fronsman would meet the "sealed cell" because the Fronsman patent uses a cover (see figure 2 and col. 5, lines 14-17).

Applicants further state that the level of skill of the ordinary artisan is such that a prior art disclosing a plurality of electrode pairs would not render obvious a single pair of electrodes.

This is not found to be persuasive. To reduce or increase the electrode pairs based upon the amount of material being treated would have clearly been within the scope of the ordinary artisan.

Applicants appear to be arguing that the Harms patent is drawn to a nonanalogous art and as such is not combinable with the Fronsman patent.

Section 103 requires us to presume full knowledge by the inventor of the prior art in the field of his endeavor, but it does not require us to presume full knowledge by the inventor of prior art outside the field of his endeavor, i.e. of "non-analogous"

art. In that respect, it only requires us to presume that the inventor would have that ability to select and utilize knowledge from other arts reasonably pertinent to his particular problem which would be expected of a man of ordinary skill in the art to

The Harms patent is directed to arts that are reasonably pertinent to the particular problem of measuring to determine the concentration by potentionmetric measurements.

which the subject matter pertains. In re Antle, 170 U.S.P.Q. 285.

Therefore, the claims stand rejected.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will

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the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Arun S. Phasge whose telephone number is (571) 272-1345. The examiner can normally be reached on MONDAY-THURSDAY, 7:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nam X. Nguyen can be reached on (571) 272-1342. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Arun S. Phasge Primary Examiner Art Unit 1795